

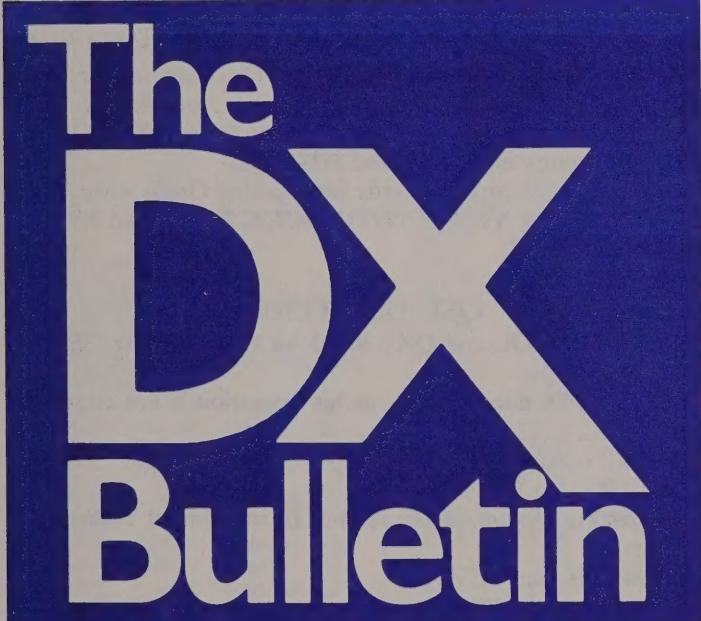
DXpedition News

Conway Reef - 3D Veteran Pacific DXpeditioner Pekka

(Peter) Kolemainen OH1RY and other Finnish DXers will operate as **3D2RY** from Conway Reef Nov. 3-13. The Conway Reef stop is one of several on their one-month Pacific trip which will also include operation in the CQWW SSB test as **YJ0RY** by OH1RY and **3D2VV** or **FW0?** by Vili OH2BAZ. OH2BGD and OH2VB will be the other Conway Reef operators. All bands and modes, including RTTY. The crew seeks 2 3-kw generators in Vanuatu, and 6-meter gear. (Conway Reef has an excellent chance of being a new DXCC country by November. -ed.)

Malta - 9H Sigi Bill HB9DLE will operate as **9H1IN** July 26-Aug. 3. He'll be on all bands 80-10, on the usual DX frequencies (see Issue 489.) QSL home call: Box 34, CH-5300 Turgi, Switzerland.

Edited by Chod Harris VP2ML



Rotuma - 3D "Bing" Crosby VK2BCH says he will operate from Rotuma as **3D2XV** in late June and early July. Bing was active last month from South Cook Islands as **ZK1XV**. SSB only, 160-6 meters. QSL to home call after his return in August: Box 344, Forster NSW 2428, Australia. Other possible stops on his multi-nation tour include Western Samoa as **5W1GY**, American Samoa as **KH8/VK2BCH**, and Tokelau.

La Blanquilla Island - YV The Venezuelan Navy will operate as **YY5LB** from this island (SA-??) July 19-22 on all bands 160-10 meters, CW, SSB, and RTTY. The first five stations contacting them on three different bands get special awards. Anyone contacting them on three bands gets a certificate. QSL Radio Club Venezolano, Box 2285, Caracas 101-A, Venezuela, or via the bureau. The island is too close (95 miles) to the coast of Venezuela to count as a new DXCC country.

June 16, 1989

Issue 492

Shortly Noted

- Thanks to the efforts of Lee Wical KH6BZF, the WWVH reference station in Kauai, Hawaii now carries the SESC geophysical alert broadcasts, at 45 minutes after the hour. Thus if you miss the WWV report at 18 minutes after, you can catch the WWVH report a half hour later.
- **A61AC** has been active in a net on 14250 kHz at 0300Z, and 20-meter SSB 17-1800Z. The operator says his name is Hamdan, and to QSL to Box 4221, Dubai, UAE. **A61AB** has also been active recently; see Bandpass.
- Peter **ZS8MI** has been active on slow-speed CW up at 14075 kHz, after 1300Z. QSL **ZS6PT**.
- Yoland **FR5AI/G** wraps up his operation soon. He usually listens up 1 kHz, and has little tolerance for unruly pile-ups.
- **TY1OR** is Oscar, and asks for QSLs to P.O.Box 1437, Cotonou, Benin.
- DXPress says **LA7FD** will operate as **J57FD** for two weeks starting June 20, all bands, SSB and CW. QSL home call.
- DX-NL reports that **DL7MAF/KC6** will be active in June from Belau (Western Carolines). QSL home call.
- Martti Laine OH2BH is taking a short break from his whirlwind DXpedition efforts (XF4L, S01DX, 4J1FS) and will be on as **OH2BH/EA8** for a couple of months.
- Tom O'Brien **KC4USV** from McMurdo Base in Antarctica is very active weekends on 14205 kHz. Try 10-1400Z. QSL Box 100, Code 50, NSFA, Det. McMurdo, FPO San Francisco 96692-1000.
- **GB4JUL** will be active from North Yorkshire July 1-4, especially looking for USA stations on 80 meters. QSL **KE2AE**, **G0FHP**, or via the bureau. (Thanks DXNS.)
- And Prefix-of-the-week honors got to **0T8C**, from (NA-117) (DXCC country of Costa Rica.) QSL **TI0RC**.
- The June 12 issue of *New Yorker* Magazine contains the first of a three-part series on the hazards of electromagnetic radiation. Don't miss it.
- Regulars (callsign, frequency or band, UTC): **3B8DB** 20M CW 1300Z; **4K0F** 14003 0400Z; **JW/VK9NL** 14020-25 15-1800Z; **JX7DFA** 14010 1100, 2300Z; **Z21FN** 20M CW 1330Z; **3B9FR** 14165-195 long path 1130Z; **A41KJ** 14170-185 long path 13-1400Z; **CN2AQ** 20M SSB 0300Z; **KC6JC** 20M SSB 1200Z; **S79J** 14194 long path 1300Z; **VK0GC** 14160-200 0400Z; **KG4XO** 21027 23-0100Z; **TA2BK** 21028 00-0300Z, 15M SSB 16-2200Z; **9K2KS** 21250-65 00-0200Z; **9Q5XX** 21245 17-1800Z; **D44BS** 15M SSB 17-1800Z, 28500 14-1600Z; **S92LB** 21279 2200Z; **SU1EK** 21270-280 0030-0200Z; **VR6MW** 21360 23-0200Z; **YI1BGD** 21260 0245; **9Q5DX** 10M CW 2000Z; and **VP8BUB** (South Georgia) 28470 1530Z.
- SSB net check-ins: 40M **TZ6MG** 7P8EG **AL7FG** **YV5LMG** **HC4VL**; 20M **YK1AO** **A61AB** **FT4ZE** **A61AC** **TT8CW** **F05LZ** **3X1SG** **TR8RS** **ST5HH** **YI1BGD** **VQ9ZZ** **7X4AN** **EP2HZ** **T30AC** **V85AH** **BY4WNG** **9M2HB** **FH5CL**; 15M **6W1PZ** **9X5KP** **4S7NMR** **TF3IM** **OE5GML/YK** **D44BS** **9J2BO**.
- RTTY activity: **SU1EE** 14091 0230Z; **YI1BGD** 14073 ARQ 1500Z; **5Z4BH** 21090 2100Z; **OX3GC** 14085 0430Z; **UC2ACT** 14093 0600Z; **T5MF** 21078 1800Z; **9J2AL** 21090 2000Z; **JT1KAI** 14085 1000Z; **TA1AE** 14081 1120Z.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before			
June 1989	Date	Flux A	K	Date	Flux A	K
16	High Normal	5/20 198	19/16 0	4/22 185	06/08 1	
17	High Normal	5/21 213	09/11 0	4/23 193	11/18 3	
18	High Normal	5/22 199	15/14 4	4/24 189	09/09 2	
19	Below Normal	5/23 206	34/31 4	4/25 177	21/28 5	
20	Disturbed	5/24 202	45/56 3	4/26 173	38/62 3	
21	Low Normal	5/25 198	21/27 2	4/27 172	31/44 3	
22	Low Normal	5/26 184	11/19 3	4/28 179	27/37 3	
23	Low Normal	5/27 171	15/24 3	4/29 184	20/32 3	
24	Low Normal	5/28 169	14/17 3	4/30 175	20/24 2	
25	Low Normal	5/29 171	14/18 2	5/01 178	11/12 3	
26	High Normal	5/30 179	14/15 4	5/02 181	20/22 4	

Propagation Watch

Solar activity picked up dramatically last week, which was both good and bad news for DXers. The solar flux finally broke out of its three-month doldrums and soared to 266, the highest level since mid-March. Unfortunately, the increase in solar activity also disturbed the geomagnetic field, with a major storm as the result.

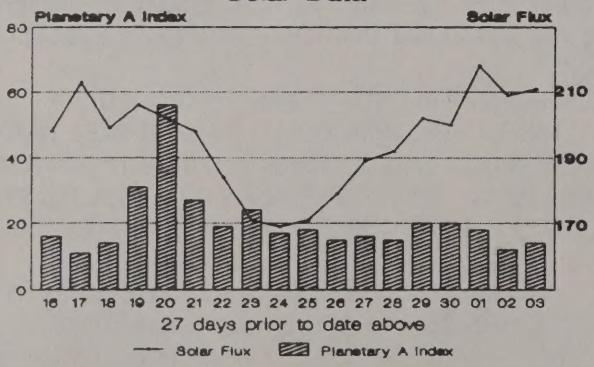
The culprit in this activity was Sunspot Region 5528, a large, complex region that produced an almost-continuous series of flares, especially on June 10. This spot is only half the size of the block-buster Region 5395 that tore apart the bands in mid-March, but is still active enough to boost the planetary A index to 64. Throughout June 10, the planetary K index hovered at 5-6: minor-to-major storm levels.

The geomagnetic storm affected propagation in the high latitudes more than in the equatorial regions. Thus the low-latitude and north-south paths still produced some good DX, but the polar path, and the long path, which passes through polar regions, were poor.

Although Region 5528 will rotate around the back of the sun soon, two other active regions may keep the level of solar activity high. Region 5533 is growing rapidly, and is capable of lots of flares. And Region 5497, which was very active during the previous solar revolution, is coming back into view.

In the absence of geomagnetic storms, 15 meters will continue to provide good DX from before dawn to after sunset. 20 meters can be open almost 24 hours a day, to some part of the world. 17 meters should also be open, but reports are few. When the geomagnetic field is quiet, check the long path around local dawn and in the early evening. E skip can make 10 and 6 meters interesting; keep an ear out.

Solar Data



QSL Help Wanted

- N6AHU is looking for the current address of Robert Clay ex-KB7HB, QSL manager for **9G1IRT** and **CSAZ**.
- VE1YX is looking for current callsigns or addresses for W3NNC (manager for **EL3A**) and K1WXP (manager for **HS3MJ**).
- W1JR needs the address of CE0OGZ on Juan Fernandez (Box 1?), and how to confirm **9U5PD** from Oct., 1960.
- N3AHA seeks QSL routes for **P29CH**, July 1982, **T2ADF** July 1980, and **UD2AN** March 1980.
- N0AXM needs a QSL route for **ZL7TZ**, April, 1989.
- HA5HR looks for QSL info for **CR6IY** 1971, **8R1IJ**, **KA3BLU/8R1**, **J6LPS**, **J6LKR**, **XE1OG**, **XE3ABC**, **TG9QK**, and **HC1ATG**. Bureau and *Callbook* addresses tried without success.
- KJ9I seeks help in getting a card out of **YO2IS**.
- WB2YIP seeks info on **VR0M** from 1978.
- YC3HCM looks for help with **CT2NH**, **CQWW CW** 1988.
- KA4YAE looks for a direct QSL route for **RH8AO**.
- SWL I4/765 needs help with the strange call **SHM77OW** on 15 meters in June, 1988.
- PY1OL seeks direct addresses for **UL7MM**, **UF6VZ**, and **WA3ZXX**, who is listed as QSL manager for **KG4AM**, and isn't in the 1989 *Callbook*. (The direct QSL address for **KG4AM** is Mark, GARC, Box 73, FBPO, Norfolk VA 23593.) He also is looking for a QSL route for **9Y4SD**, and alternate routes for **AH8A** and **H13HCE**.
- And K8WKZ can't get cards for 6-meter QSOs with: **HH7PV** **8P6FW** **VE5UF** **TI7TE** **G4JQC** **TI7TE** and **FY5AU**. Any suggestions?

QSL Help Offered

Thanks to PY1OL and OK1-30633 for the following QSL help:

- G8GRN/5X doesn't QSL, as his operation is not counted for DXCC.
- ZK2JT is John Thompson, Box 37, Niue Island.
- 4S7WP is via DJ9ZB.
- 7X2MB is Mohamed Bourkiche, 13 rue Haleul Tcherafai, Algiers.
- F08DT is via F6ESW.
- IR4VEQ is via I4VEQ.
- 4D1AU is DU1AU.
- FR5ZD is Guy Hoarau, 6 rue M. de Narbonne, 97427 Etang Sale Les Bain, Reunion Island.
- FR5EL is Michel Hoarau, Boite Postal 87, 97430 Le Tampon, Reunion Island.

QSL Addresses

- RD0N/RA3YG Box 5, Bryansk 241000 USSR
- US0SU UA0KK, P.O.Box 44, Pevek 686610 USSR
- 3DA0BK Franz, P.O.Box 122, Evani, Swaziland
- UR1RWX Tom, P.O.Box 13, Viimsi, 203006 Estonia
- 7X2DS Seghir, P.O.Box 105, Rouiba 35300 Algeria
- UC1AWC QSL via UC2ABC, manager for all UC2 stations:
 - Mr. Roman, P.O.Box 888, Minsk 220050 USSR
 - UV9UWW Al, P.O.Box 20, Novokuznetsk 654000, USSR
 - UA0YO Sany, P.O.Box 176, Kyzyl, Tuva 667000 USSR
 - RA0SHT Igor, P.O.Box 2544, Bratsk 665714 USSR
 - 7X5VVK Said, Boite Postal 341, 05000 Batna, Algeria
 - RF8V/UA9XFJ P.O.Box 20, Ukhta 169412, Koni Rep.
 - UF6VAG P.O.Box 1, Pitsunda City, 384894, Georgia Rep.

B . A . N . D . P . A . S . S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.

All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY	JX7DFA	14010	1113	26	FL	OY7JD	14208	2342	4	MA	D44BS	21235	1838	4	MA														
3A2EE	14083	0332	3	CO	JX7DFA	14011	2306	5	MD	P29CEH	14195	1542	3	NH	HS1BV	21250	1720	30	NH										
3D2RW	14085	0517	3	CA	JY9SR	14038	0039	11	FL	S79J *	14194	1304	9	CO	HS1BV	21249	1915	1	WA										
5Z4BH	21085	2033	4	CA	KH8AG	14044	0733	29	CO	S92LB	14280	2200	31	NV	HX6JUN	21315	1534	3	MD										
9J2AL	21089	2004	3	CA	OY1B	14026	2049	4	NJ	T27LP	14193	1043	8	MA	HZ1AB	21260	2355	1	CO										
CO2BB	14090	1245	28	OH	OY7ML	14025	0055	6	FL	T30BC	14246	1256	3	CO	JY5DK	21280	2205	3	MI										
HP1AC	21092	2159	3	FL	PZ1DV	14003	0304	1	CO	T32AB	14156	0545	27	CO	KG4FB	21303	2227	3	MI										
KG4XO	21094	2238	28	CO	RV1	14026	0251	2	NY	T19FAG	14195	0257	9	MA	KH0AC	21310	0051	3	WV										
OD5NG	14085	0437	3	CO	SV0MO/8	14004	0013	1	NB	TU2UI	14155	0345	3	MI	OD5TV	21220	1240	3	IA										
RB5TV	21090	2055	28	OH	T32AB	14004	0247	4	ID	TZ6MG	14144	1817	24	EU	PY0FF	21296	1956	27	MA										
RF1F/	14094	0251	3	CO	T5CT	14026	1335	3	CA	UI9AWD	14177	0109	2	MA	S0RASD	21299	2137	2	CT										
UA3TT					TA4A	14005	0111	7	FL	VK0GC	14196	0400	1	PA	S92LB	21279	2149	1	GA										
RL8PYL	14085	1213	24	HP	TK89IU	14026	2340	2	MT	VK0GC	14180	1245	2	IA	SU1EK	21278	0034	3	WV										
SP2FN	14095	0220	23	MI	TL8RM	14003	0145	3	FL	Macquarie Island																			
SP9BCH	14090	0340	3	OH	TR8RM	14004	0151	4	CA	VK9ND	14290	0655	29	WV	SV5TS	21262	2143	3	MI										
SU1EE	14091	0238	3	CO	TY1OR	14004	0034	8	MA	VU2DNL	14194	1330	29	MT	TA2BK	21255	1621	3	MA										
UC2ACT	14088	0303	1	WA	UF6DZ	14026	0132	8	FL	VU2WAP	14201	1250	27	DE	TA2BK	21294	2156	4	MI										
UT5RP	14083	0450	28	OH	UI9IWZ	14026	0128	8	FL	XX9KA	14165	1358	29	CA	TA3F	21290	1540	3	MD										
75 Meters					UJ8AH	14010	0046	6	FL	ZB2CF	14226	0010	30	LA	TA4C	21272	2348	3	FL										
LU5GO	3797	2255	26	NC	UL7BN	14062	0039	3	MA	ZD8RP	14159	0742	28	CA	TL8HW	21340	1956	29	MA										
OD5VT	3797	0100	25	NC	V85AA	14033	1400	1	CA	ZS3DM	14165	1439	4	CA	TR8RLA	21287	2055	2	CO										
YO9CNR	3796	0225	23	NC	VP2EXX	14018	0032	8	FL	ZS8MI	14215	1030	26	FL	TZ6MG	21335	1819	3	WV										
ZS1RL	3795	0450	27	NC	VS6UP	14041	1210	28	OH	ZS8MI *	14229	1204	28	GA	VQ9LW	21225	1935	23	EU										
40 Meters					YN/	14006	1208	1	MD	17 Meter CW					VR6MW	21352	2300	3	LA										
CN4QC	7010	0019	11	FL	SM0OIG	14028	0044	6	FL	FY5AU	18072	2127	3	NY	VU2DK	21245	0157	5	MO										
D68JL	7048	1920	24	EU	YN3CC	14004	1219	1	MD	17 Meter SSB					Y1BBD	21260	0240	6	MA										
D68TW	7001	0258	5	CA	Z21FN	14040	1335	1	CA	HP1XSO	18120	2331	29	MA	ZB2FK	21299	2255	3	MI										
KX6BU	7159	0654	31	CA	ZS8MI	14042	1325	2	WA	HZ1AB	18116	1957	20	EU	ZD8PJ	21273	2334	1	MN										
KX6DC	7007	1033	3	MN	ZV7XW	14028	0130	8	FL	17 Meter CW																			
RD8D/	7002	0122	7	FL	20 Meter SSB					17 Meter SSB					12 Meters														
UZ3QWX					3A2EE	14163	0330	1	MI	HP1XSO	18120	2331	29	MA	HZ1AB	24954	1954	20	EU										
UO5OPW	7008	0115	1	IA	3B8CA	14198	1346	29	IL	HZ1AB	18116	1957	20	EU	10 Meter CW														
30 Meters					3B9FR	14165	1150	4	DE	LU1IV	18136	0229	4	MA	6W1AAD	28013	1939	23	HP										
FS5R	10105	0404	23	PA	4S7EA	14163	2345	1	NH	YN3LB	18145	1504	28	MA	9Q5DX	28017	2000	1	WA										
20 Meter CW					5Z4MR	14200	2110	3	MI	15 Meter CW					CE0ZIG	28001	1900	27	PA										
0T8C	14018	0109	10	FL	6W2EX	14225	0043	30	NV	3B8CF	21030	0330	3	CA	LU1ZA	28030	1756	24	HP										
3B8CF	14033	1350	1	CA	7J6CAS	14226	1515	31	CA	3D2RW	21026	0217	4	FL	South Orkneys														
3B8DB	14024	1300	4	WA	7X5AV	14226	0000	23	MI	5H1HK	21043	1415	25	HP	T30AC	28024	0044	28	FL										
3B8DB *	14023	1236	4	CO	8R1AH	14173	0040	1	IA	9Q5DX	21006	2217	2	WA	ZD8SE	28026	1731	22	HP										
3B8FE	14039	1135	26	MI	9J2BO	14155	1445	29	CA	EA6AAK	21019	2100	30	NB	ZP6XDW	28018	1503	5	FL										
3B8FE *	14032	1202	31	IL	9K2KX	14250	2340	3	CA	EA6AAK	21030	0040	8	FL	10 Meter SSB														
3B8FQ	14021	1348	30	CA	9M2ZA	14165	1372	2	CA	FR5AI/G	21008	1654	2	NB	5B4TI	28477	1801	3	WV										
3B9FR	14034	1340	4	CA	9M6HF	14226	1440	30	OR	HJ4NJE	21025	2234	9	FL	7P8DP	28550	1620	4	DE										
3D2AG	14021	1230	25	HP	9N1MC *	14190	1204	28	CO	JY9SR	21030	0332	1	FL	8R1AH	28485	0150	30	LA										
3D2RW	14027	0551	5	IL	9V1XQ	14175	1126	1	FL	KG4XO	21027	2305	5	NY	9K2KL	28450	2322	6	MA										
4C2TCQ	14014	0133	7	FL	A41KC	14177	1415	4	CA	T28RW	21025	0431	7	CA	9Q5DX	28486	1256	3	NH										
Mexico																A22RA	28421	1505	29	PA									
4K0F	14004	0418	5	MN	A61AB	14197	0035	2	NH	TF3DS	21026	1625	30	IA	D44BS	28502	1625	1	MD										
4S7DA	14008	1115	3	MI	AP2ZA	14188	1410	29	CA	TA2BK	21030	2350	4	MT	HK0HEU	28520	1721	21	MA										
7X4VUK	14057	0120	2	MT	AP2ZA	14227	2254	31	FL	TF3RCC	21039	2303	1	NH	J52US	28520	1545	4	MD										
9J2BO	14036	1330	4	CA	BY1QH	14225	1307	3	CO	TK89IU	21028	2358	1	FL	J73TW	28500	0007	4	MA										
9J8JA	14010	0005	11	FL	CN2AQ	14209	0301	6	MN	TU4CO	21009	1602	31	FL	TR8SA	28470	2054	1	LA										
9M2MO	14019	0431	7	CO	EP2HZ	14208	0035	5	FL	UC0IG	21019	1854	1	ID	TR8SA *	28467	0613	1	CA										
9Q5DX	14019	2129	28	CO	FH8CB	14237	0400	3	MI	UI8BAD	21016	0124	8	FL	VP8BUB	28470	1530	5	DE										
9V1VW	14003	0356	4	MN	FH8CL	14230	0327	29	CA	UI8QU	21026	2146	6	FL	South Georgia														
9V1XZ	14026	1405	4	CA	FK8FM	14205	1202	2	GA	UM8MY	21027	0118	8	FL	VP8BWL	28575	1845	20	MI										
BV2A	14004	1325	30	OR	FO5JV	14189	0900	2	FL	YN/	21021	2134	31	MI	WP4IJN	28403	0446	4	IL										
BV2B	14004	1326	30	LA	FO5LZ	14265	1104	28	FL	SM0OIG	21028	0046	8	MA	ZD7AF	28511	1405	27	FL										
BV4QA	14037	1430	3	CA	FR5DD	14139	1719	24	EU	FR5DD	14244	0330	3	MI	ZD9BV	28466	1731	3	MD										
BY1QH	14029	1445	3	CA	FR5ZD	14252	0245	1	MI	HS0B	14193	1124	27	CO	ZS1IS	28609	1622	1	MD										
BY4RB	14026	1135	31	CA	HZ1AB	14191	0145	2	WV	J88AQ	14163	2205	24	EU	Walvis Bay														
C31LHJ	14001	0517	1	OR	JX7DFA	14210	2151	30	NH	JW/VK9NL	14240	0700	3	DE	KC4AAA	14210	0510	30	CA	ZS3E	28545	1546	27	MA					
EP2AK	14041	0505	7	CO	KC4USV	14205	0427	3	CA	JX7DFA	14210	2151	30	NH	KC4USV	14205	1000	3	FL	ZS6XL	28429	1505	5	FL					
FK8FG	14040	1052	7	MA	KC4USV	14205	1000	3	FL	KC6JC	14225	1149	2	CO	KC6JC	14225	1149	2	CO	Novice Band									
FO5DF	14007	1024	10	FL	KC6JC	14225	1149	2	CO	KC6JC	14225	1149	2	CO	KC6JC	14225	1149	2	CO	HBO/	21131	2216	6	FL					
FR5AI/G *	14007	1200	3	MI	KC6JC	14225	1149	2	CO	KC6JC	14225	1																	

1 498 YOUR SUBSCRIPTION ENDS 89/10
ALFRED A LAUN R320

EXAMPLE HILLS MD 20748

First Class
U.S. Postage Paid
Santa Rosa, CA
Permit No. 550

FIRST CLASS MAIL

Calendar

Issue 492 - June 16, 1989

Fulton, CA 95439

The DX Bulletin

(Changes and hot info in **boldface**.)

Antarctica
Belau - KC6 (WCI)
Benin - TY
Canary Islands - EA8
Cape Verde - D4
Cayman Islands - ZF
Central African Rep.
Chad- TT
Chagos - VQ9
China - BY
Conway Reef - 3D
Corsica - TK
Dominica - J7
East Malaysia - 9M8
Eastern Carolines
Egypt - SU

Fiji - 3D
Gabon - TR
Glorioso - FR/G
Guantanamo - KG
Guinea-Bissau - J5
Guyana - 8R
Iraq - YI
Ivory Coast - TU
Jan Mayen - JX
Jordan - JY
Kuwait - 9K
Macquarie - VK0
Malta - 9H
Marion Island - ZS8

Mauritius - 3B
Mongolia - JT
Morocco - CN
Nicaragua - YN

Oblasts - 042 RJ7R
003 UD6K
055 UI8U
045 UH8W

Oman - A4
Reunion - FR
Revillagigedo - XF4
Rodriguez - 3B9

I492	Rotuma - 3D	3D2XV by VK2BCH June/July I492
I492	Rwanda - 9X	9X5AA 21360 kHz 1900Z Tuesday I493
I492	St. Pierre - FP	FP/K1RH June 30-July 7 I490
I492	Sao Tome - S9	S92LB 21279 2200Z I492
I492	Senegal - 6W	6W6JX 28020 1250Z I489
I485	Seychelles - S7	S79J 14194 1300Z LP I492
I490	Somalia - T5	T5MF 15M SSB 1800Z I491
I491	South Georgia - VP8	VP8BUB 28470 1630Z list I481
I490	South Orkneys - LU/Z	LU1ZA 10M CW 1800Z I489
I490	South Shetlands	HL5BDS 28425 13-2000Z I490
I492	Southern Sudan - ST0	PA3CXC/ST0 in July ? I491
I488	Sri Lanka - 4S	4S7EA 14179 1230, 2330Z I488
I488	Sudan - ST	PA0GAM/ST2 21020 1900Z I484
Z I491		20M CW 2300Z I483
I492	Swaziland - 3DA	3DA0BK 14220 1345Z long path I491
I489	Tanzania - 5H	5H3TW 21026 18-2200Z I488
I492	Turkey - TA	TA2BK 14030 0300Z I490
I491		21025 01-03Z, 20-22Z I490
I491		TA4A 20M CW 0100Z I491
I491	Tuvalu - T2	by K6EDV, ZL1AMO June 7-21 I490
I492	United Arab Emirates	A61AC 14250 0300Z, A61AB I492
I492	Zaire - 9Q	9Q5XX 21250 1900Z I488
I487	Zambia - 9J	9J2BO 14025 13-1400Z I488
I492	Zimbabwe - Z2	Z21FN 20M CW 1330Z I492
I491	Zone 23	RV0YF 21006 1600Z I485
I492		DX Activities and Contests
I489	<u>Date</u>	<u>Event or Activity</u>
I492	June 17-18	All Asian DX SSB CQ
I492	July 1-2	Venezuelan Contest SSB CQ
I492	July 8-9	IARU HF Championship OST

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, AB8K, HP1AC, K0CVD, K2PEQ, K2UFM, K4HJJ, K4HMX, K6NA, K6SIK, K7NW, K8CV, K8TDJ, KA1XN, KA3DBN, KB1NS, KC8FS, KC9AL, KD0ZR, KD7SO, KE7X, KE9OR, KJ4BK, KJ8M, KM4KJ, KM9J, KN7K, KY0A, N1HN, N2GLH, N2KK, N6AHU, ND3A, NE4R, NX7K, OK3CDV, VE1ACK, W0MOX, W1CYB, W1HH, W1KSC, W1UN, W3CRH, W3FME, W4PSJ, W4VQ, W6AUG, W6BJI, W6CI, W6UQF, W6WBY, W6ZH, W8CEU, W8MEP, WA1NPZ, WA9AQE, WB1AEL, WB2UZR, WB5MTV, WB8SFF, WB8ZRL, WY5Q, W6QX, KA6A, NV8N, KT7H, KA1BSZ, VE3NN, OH1RY, HB9DLE, VK2BCH, DXNS, DXPress, and NCDXC. (Thanks! -ed.)